

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A projector comprising:
a light source device;
an optical modulator that modulates the light flux emitted from the light source device according to image information; and
a projection optical system that projects the light flux modulated by the optical modulator in an enlarged ~~manner, manner; and further comprising~~
_____an exhaust fan that exhausts ~~the air~~air inside the projector outside;
_____the exhaust fan ~~is-being~~is a centrifugal fan that exhausts the air sucked from the direction of a rotary shaft of the fan in the tangential direction of the rotation, and
_____an inlet of the centrifugal fan ~~is-disposed along the plane~~a plane orthogonal to the optical path plane formed by the light source device, the optical modulator, and the projection optical system.
2. (Currently Amended) ~~A-The~~ projector according to Claim 1, ~~wherein~~ the inlet of the centrifugal fan ~~is-being~~is disposed in an inclined manner to ~~the optical~~an optical axis of illumination of the light flux emitted from the light source device.
3. (Currently Amended) ~~A-The~~ projector according to Claim 2, ~~wherein~~ the inlet of the centrifugal fan ~~is-being~~is disposed closer toward ~~the~~an emitting direction of the light flux from the light source device.
4. (Currently Amended) ~~A-The~~ projector according to ~~any one of Claims 1 to 3~~Claim 1, further ~~comprising~~comprising:
a lamp drive block that drives the light source device and/or a power source block that supplies the power to the lamp drive block, and

~~wherein~~ the centrifugal fan is being disposed between the light source device and the lamp drive block and/or the power source block.

5. (Currently Amended) ~~A~~ The projector according to Claim 4,
~~wherein~~ the centrifugal fan is being disposed on ~~any~~ an end of the lamp drive block and/or the power source block,
~~and wherein~~ an air intake fan that sucks cooled air from the outside is disposed on another end facing the ~~any~~ end.

6. (Currently Amended) ~~A~~ The projector according to Claim 5,
~~wherein an inlet from~~ inlet, from which the outside air is sucked ~~inside is~~ inside, being formed on an exterior case to accommodate the light source device, the optical modulator, and the projection optical system, and
~~wherein~~ the air intake fan is being disposed in an inclined manner to the inlet.

7. (Currently Amended) ~~A~~ The projector according to ~~any one of Claims 1 to 6~~ Claim 1,
~~wherein an outlet which~~ outlet, which is located in ~~the projecting~~ a projecting direction of the light flux from the projection optical system and exhausts the inside air ~~outside is~~ outside, being formed on the exterior case to accommodate the light source device, the optical modulator, and the projection optical system, and
~~wherein~~ the centrifugal fan ~~exhausts~~ exhausting the inside air in ~~the direction a~~ direction separating from the projecting direction of the light ~~flux from~~ flux, from the projection optical system via the outlet.

8. (Currently Amended) ~~A~~ The projector according to ~~any one of Claims 1 to 7~~ Claim 1,

~~wherein~~ the light source device, the optical modulator, and the projection optical system ~~are being~~ accommodated in a casing for optical components which is substantially U-shaped in plan view.